



Company ENVIRONMENTAL SCIENCE AND ENGINEERING SOLUTIONS

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Montpelier, VT 05602
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November 12, 2010

Trish Coppolino
State of Vermont, Department of Environmental Conservation
Waste Management Division
103 South Main Street/West Building
Waterbury, Vermont 05671-0404

RECEIVED

NOV 15 2010

WAMD

Re: Municipal Water Connections: 402 and 406 Park Street, Bennington, VT
Former Jard Company Site
SMS #VTD048141741
JCO Project No. 3-2218-3

Dear Trish:

The Johnson Company provided oversight and project management for the connection of two residences to the municipal water supply in Bennington, Vermont. The residences, which are located near the Former Jard Company Site at 402 Park Street and 406 Park Street, were previously serviced by private wells.

The municipal water connections were completed on October 28 and 29, 2010. Photos of the connection work are included in Attachment 1. At each residence, The Johnson Company's subcontractor, Matt Morse Excavating of North Bennington, Vermont, excavated a trench approximately 4.5 feet below ground surface (ft bgs) from the west side of Park Street to an appropriate location at the edge of each residence. The Town of Bennington tapped the water main and installed a curb stop at each residence. A ¾-inch diameter copper service connection, backflow preventer, and interior shutoff were installed by Jim's Plumbing and Heating of Shaftsbury, Vermont. In addition, a water meter was installed at the 406 Park Street (Watson) residence as required by the Town of Bennington because of the apartment at this location. The water pump and pressure tank were disconnected at each residence, and the pressure tanks were removed for disposal as scrap metal.

Gravel was used to backfill the excavation underneath the surface of Park Street. The remainder of the excavation at the Peck residence was backfilled with sand to a depth of approximately 2 ft bgs followed by native soils to the ground surface. At the Watson residence, the remainder of the excavation was backfilled with sand. Soils removed during excavation that were not used as backfill were disposed of at the Jard property on Bowen Road. After backfilling, topsoil was placed and grass seed and mulched were applied.

Groundwater was encountered at the Watson residence near the water main: the lower portion of the water main was submerged, while the upper portion remained dry. It was not necessary to remove groundwater to tap the main and install the service connection. At the Peck

Trish Coppelino
State of Vermont, Department of Environmental Conservation
Waterbury, Vermont

November 12, 2010
Page 2

residence, no groundwater was encountered near the water main, but groundwater was encountered in much of the remainder of the excavation at approximately 4 ft bgs. Workers were able to remain out of the water to install the service connection, and no groundwater removal was necessary.

Prior to disconnection the pump and pressure tank at the Peck residence, a water sample was collected from a spigot immediately upstream of the pressure tank after running the kitchen faucet for approximately 15 minutes. No pre-connection sample was collected from the Watson residence, as a sample had been collected by VT DEC on September 20, 2010. Post-connection confirmation samples were collected from the kitchen faucet in both residences after running the faucet for approximately 15 minutes. Samples were placed in a cooler on ice and submitted to Eastern Analytical, Inc. of Concord, New Hampshire for analysis of polychlorinated biphenyls (PCBs) by EPA Method 8082.

The complete laboratory report is provided as Attachment 2. No PCBs were detected in either of the post-connection confirmation samples. The laboratory reported that "an Aroclor 1016 pattern may be present" in the pre-connection sample from the Peck residence, but at levels below the reporting limit of 0.3 µg/L. The Johnson Company mailed letters to each of the homeowners on November 9, 2010 providing a copy of the laboratory report.

The Johnson Company appreciates the opportunity to be of assistance to the VT DEC on this project. If you have any questions about this work, please do not hesitate to contact me at (802) 229-4600.

Sincerely,

THE JOHNSON COMPANY, INC.

By: 
Daniel Baston
Project Manager

Attachment

Reviewed by: J-B
K:\1-2218-3\New Water Services\110110 Water Connection Letter Report.doc

ATTACHMENT 1

PHOTOS



Photo #1. Exposed water main at Watson residence.

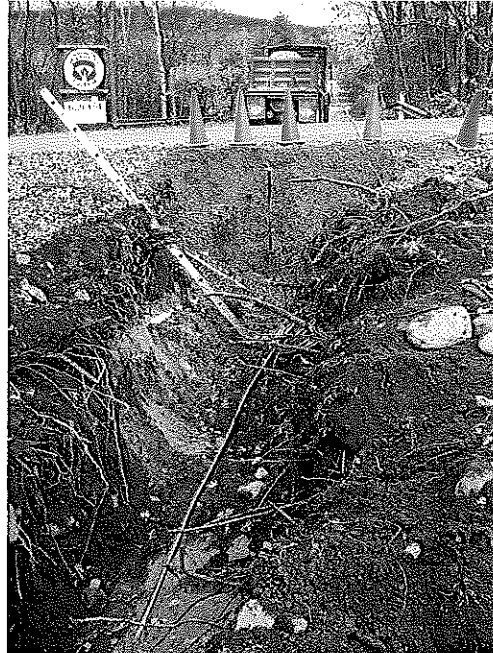


Photo #2. Service connection at Peck residence.

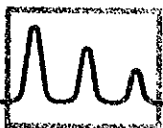


Photo #3. Excavation at Watson residence.



Photo #4. Excavation at Watson residence.

ATTACHMENT 2
LABORATORY REPORT



Daniel Baston
The Johnson Company
100 State Street
Montpelier, VT 05602

Eastern Analytical, Inc.
professional laboratory services



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 94189
Client Identification: Jard / 3-2218-3
Date Received: 11/1/2010

Dear Mr. Baston:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:
Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,


Lorraine Olashaw, Lab Director

11-8-10
Date

5
of pages (excluding cover letter)



SAMPLE CONDITIONS PAGE

Eastern Analytical, Inc. ID#: 94189

Client: The Johnson Company

Client Designation: Jard / 3-2218-3

Temperature upon receipt (°C): 2.8

Received on ice or cold packs (Yes/No): Y

Lab ID	Sample ID	Date	Date	Sample	% Dry	Exceptions/Comments (other than thermal preservation)
		Received	Sampled	Matrix	Weight	
94189.01	Peck Pre-connection	11/1/10	10/29/10	aqueous		Adheres to Sample Acceptance Policy
94189.02	Peck Post-connection	11/1/10	10/29/10	aqueous		Adheres to Sample Acceptance Policy
94189.03	Watson Post-connection	11/1/10	10/29/10	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater : Inorganics, 19th Edition, 1995; Microbiology, 20th Edition, 1998
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992

eastern analytical, inc.

www.eailabs.com

Phone: (603) 228-0525



LABORATORY REPORT

Eastern Analytical, Inc. ID#: 94189

Client: The Johnson Company

Client Designation: Jard / 3-2218-3

Sample ID:	Peck Pre-connection	Peck Post-connection	Watson Post-connection
Lab Sample ID:	94189.01	94189.02	94189.03
Matrix:	aqueous	aqueous	aqueous
Date Sampled:	10/29/10	10/29/10	10/29/10
Date Received:	11/1/10	11/1/10	11/1/10
Units:	ug/l	ug/l	ug/l
Date of Extraction/Prep:	11/2/10	11/2/10	11/2/10
Date of Analysis:	11/2/10	11/2/10	11/2/10
Analyst:	JW	JW	JW
Method:	8082	8082	8082
Dilution Factor:	1	1	1
PCB-1016	< 0.3	< 0.3	< 0.3
PCB-1221	< 0.3	< 0.3	< 0.3
PCB-1232	< 0.3	< 0.3	< 0.3
PCB-1242	< 0.3	< 0.3	< 0.3
PCB-1248	< 0.3	< 0.3	< 0.3
PCB-1254	< 0.3	< 0.3	< 0.3
PCB-1260	< 0.3	< 0.3	< 0.3
TMX (surr)	87 %R	80 %R	81 %R
DCB (surr)	110 %R	95 %R	120 %R

Peck Pre-connection: Although less than the stated reporting limit, an Aroclor 1016 pattern may be present but contains more heavier Aroclor 1016 congeners than what would normally be expected. The concentration of 1016 may be underestimated. Refer to the sample chromatogram overlay for more details.



QC REPORT

Eastern Analytical, Inc. ID#: 94189

Batch ID: 734078-45363/A110210PCB1

Client: The Johnson Company

Client Designation: Jard / 3-2218-3

Parameter Name	Blank	LCS	LCSD	Analysis Date	Units	Limits	RPD	Method
PCB-1016	< 0.3	1.7 (85 %R)	1.8 (92 %R) (8 RPD)	11/2/2010	ug/l	40 - 140	20	8082
PCB-1221	< 0.3	< 0.3 (%R N/A)	< 0.3 (%R N/A) (RPD N/A)	11/2/2010	ug/l	40 - 140	20	8082
PCB-1232	< 0.3	< 0.3 (%R N/A)	< 0.3 (%R N/A) (RPD N/A)	11/2/2010	ug/l	40 - 140	20	8082
PCB-1242	< 0.3	< 0.3 (%R N/A)	< 0.3 (%R N/A) (RPD N/A)	11/2/2010	ug/l	40 - 140	20	8082
PCB-1248	< 0.3	< 0.3 (%R N/A)	< 0.3 (%R N/A) (RPD N/A)	11/2/2010	ug/l	40 - 140	20	8082
PCB-1254	< 0.3	< 0.3 (%R N/A)	< 0.3 (%R N/A) (RPD N/A)	11/2/2010	ug/l	40 - 140	20	8082
PCB-1260	< 0.3	1.7 (83 %R)	1.8 (92 %R) (10 RPD)	11/2/2010	ug/l	40 - 140	20	8082
TMX (surr)	80 %R	75 %R	83 %R	11/2/2010	% Rec	30 - 150		8082
DCB (surr)	107 %R	93 %R	97 %R	11/2/2010	% Rec	30 - 150		8082

Samples were extracted and analyzed within holding time limits.

Instrumentation was calibrated in accordance with the method requirements.

The method blanks were free of contamination at the reporting limits.

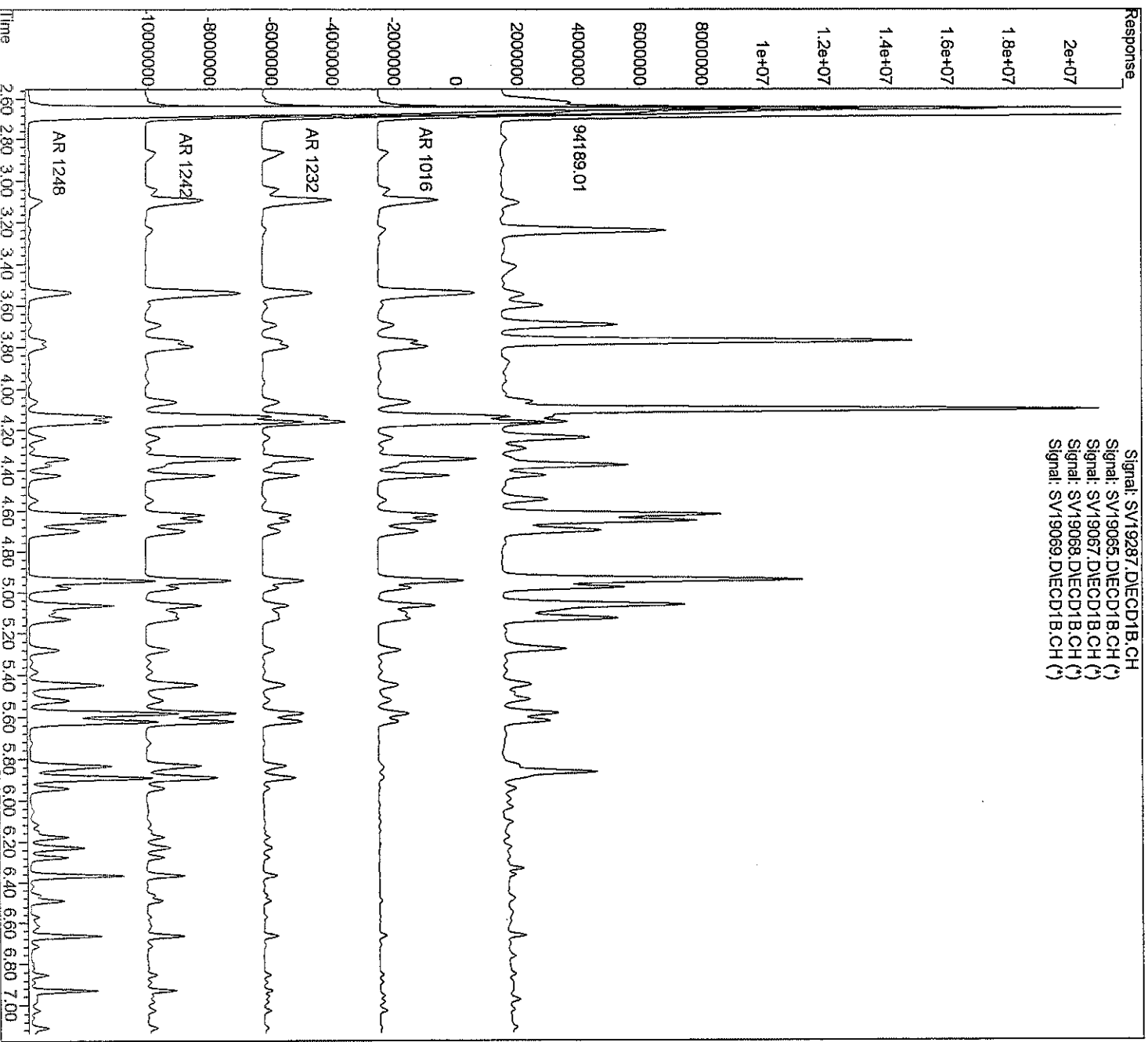
Sample surrogate recoveries met the above stated criteria.

The associated matrix spikes and/or Laboratory Control Samples met acceptance criteria.

There were no exceptions in the analyses, unless noted.

* Flagged analyte recoveries deviated from the QA/QC limits.

File : C:\msdchem\1\DATA\2010\110210\SV19287.D
Operator : JW
Acquired : 02 Nov 2010 14:37 using AcqMethod PEST.M
Instrument : HP G1530A
Sample Name: 94189.01
Misc Info : A110210PCB1
Vial Number: 8



BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.

[illegible]

PROJECT MANAGER: Dan Basten
COMPANY: The Johnson Company
ADDRESS: 100 State St. Suite 600
CITY: Montpelier STATE: VT ZIP: 05602
PHONE: (802) 229-4600 EXT.: 155
FAX: (802) 229-5876
E-MAIL: DPBO@JCOMAIL.COM
SITE NAME: JARD
PROJECT #: 3-2218-3
STATE: NH MA ME VT OTHER:
REGULATORY PROGRAM: NPDES: RGP POTW STORMWATER OR
GWP, OIL FUND, BROWNFIELD OR OTHER:
QUOTE #: PO #:

DATE NEEDED: Std TAT

QA/QC
REPORTING LEVEL
A B C
OR
MA MCP
PRESUMPTIVE CERTAIN

REPORTING OPTIONS
PRELIMS: YES OR NO
IF YES: FAX OR PDF

TEMP. 2.8 °C
ICE? YES NO

METALS: 8 RCRA 13 PP Fe, Mn Pb, Cu

OTHER METALS: _____

DISSOLVED METALS FIELD FILTERED?	YES	NO
----------------------------------	-----	----

NOTES: (IE: SPECIAL DETECTION LIMITS, BILLING INFO, IF DIFFERENT)


Please report separately
from drum samples

SAMPLER(S): Dg Baston
11/1/10 1055
 RELINQUISHED BY: [Signature] DATE: 11-1-10 TIME: 14:20 RECEIVED BY: [Signature]
 RELINQUISHED BY: _____ DATE: _____ TIME: _____ RECEIVED BY: _____
 RELINQUISHED BY: _____ DATE: _____ TIME: _____ RECEIVED BY: _____

SITE HISTORY: _____

SUSPECTED CONTAMINATION: _____

FIELD READINGS: _____


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professional laboratory services (WHITE: ORIGINAL) (GREEN: PROJECT MANAGER)